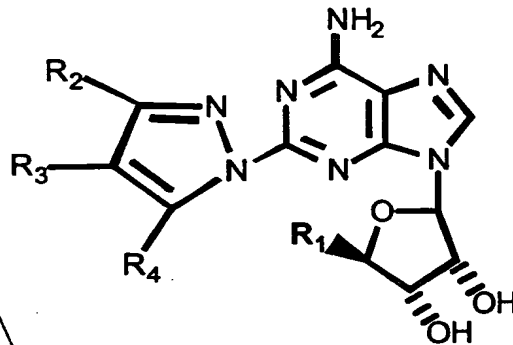


What we claim is:

1. A compound having the formula:



wherein $R^1 = \text{CH}_2\text{OH}$, $-\text{CONR}^5\text{R}^6$;

- 5 R^3 is selected from the group consisting of C_{1-15} alkyl, halo, NO_2 , CF_3 , CN , OR^{20} , SR^{20} , $\text{N}(\text{R}^{20})_2$, $\text{S}(\text{O})\text{R}^{22}$, SO_2R^{22} , $\text{SO}_2\text{N}(\text{R}^{20})_2$, $\text{SO}_2\text{NR}^{20}\text{COR}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CON}(\text{R}^{20})_2$, $\text{N}(\text{R}^{20})_2\text{NR}^{20}\text{COR}^{22}$, $\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{NR}^{20}\text{CON}(\text{R}^{20})_2$, $\text{NR}^{20}\text{C}(\text{NR}^{20})\text{NHR}^{23}$, COR^{20} , CO_2R^{20} , $\text{CON}(\text{R}^{20})_2$, $\text{CONR}^{20}\text{SO}_2\text{R}^{22}$, $\text{NR}^{20}\text{SO}_2\text{R}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{OCONR}^{20}\text{SO}_2\text{R}^{22}$, $\text{OC}(\text{O})\text{R}^{20}$, $\text{C}(\text{O})\text{OCH}_2\text{OC}(\text{O})\text{R}^{20}$, and $\text{OCON}(\text{R}^{20})_2$, $-\text{CONR}^7\text{R}^8$, C_{2-15} alkenyl, C_{2-15} alkynyl, heterocyclyl, aryl, and heteroaryl, wherein the alkyl, alkenyl, alkynyl, aryl, heterocyclyl and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, alkyl, NO_2 , heterocyclyl, aryl, heteroaryl, CF_3 , CN , OR^{20} , SR^{20} , $\text{N}(\text{R}^{20})_2$, $\text{S}(\text{O})\text{R}^{22}$, SO_2R^{22} , $\text{SO}_2\text{N}(\text{R}^{20})_2$, $\text{SO}_2\text{NR}^{20}\text{COR}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CON}(\text{R}^{20})_2$, $\text{N}(\text{R}^{20})_2\text{NR}^{20}\text{COR}^{22}$, $\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{NR}^{20}\text{CON}(\text{R}^{20})_2$, $\text{NR}^{20}\text{C}(\text{NR}^{20})\text{NHR}^{23}$, COR^{20} , CO_2R^{20} , $\text{CON}(\text{R}^{20})_2$, $\text{CONR}^{20}\text{SO}_2\text{R}^{22}$, $\text{NR}^{20}\text{SO}_2\text{R}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{OCONR}^{20}\text{SO}_2\text{R}^{22}$, $\text{OC}(\text{O})\text{R}^{20}$, $\text{C}(\text{O})\text{OCH}_2\text{OC}(\text{O})\text{R}^{20}$, and $\text{OCON}(\text{R}^{20})_2$ and wherein optional heteroaryl, aryl, and heterocyclyl substituent is optionally substituted with halo, NO_2 , alkyl, CF_3 , amino, mono- or di- alkylamino, alkyl or aryl or heteroaryl amide, NCOR^{22} , $\text{NR}^{20}\text{SO}_2\text{R}^{22}$, COR^{20} , CO_2R^{20} , $\text{CON}(\text{R}^{20})_2$, $\text{NR}^{20}\text{CON}(\text{R}^{20})_2$, $\text{OC}(\text{O})\text{R}^{20}$, $\text{OC}(\text{O})\text{N}(\text{R}^{20})_2$, SR^{20} , $\text{S}(\text{O})\text{R}^{22}$, SO_2R^{22} , $\text{SO}_2\text{N}(\text{R}^{20})_2$, CN , and OR^{20} ;

- 20 R^5 and R^6 are each individually selected from H, C_{1-15} alkyl optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, NO_2 , heterocyclyl, aryl, heteroaryl, CF_3 , CN , OR^{20} , SR^{20} , $\text{N}(\text{R}^{20})_2$, $\text{S}(\text{O})\text{R}^{22}$, SO_2R^{22} , $\text{SO}_2\text{N}(\text{R}^{20})_2$, $\text{SO}_2\text{NR}^{20}\text{COR}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CON}(\text{R}^{20})_2$, $\text{N}(\text{R}^{20})_2\text{NR}^{20}\text{COR}^{22}$, $\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{NR}^{20}\text{CON}(\text{R}^{20})_2$, $\text{NR}^{20}\text{C}(\text{NR}^{20})\text{NHR}^{23}$, COR^{20} , CO_2R^{20} , $\text{CON}(\text{R}^{20})_2$, $\text{CONR}^{20}\text{SO}_2\text{R}^{22}$, $\text{NR}^{20}\text{SO}_2\text{R}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{OCONR}^{20}\text{SO}_2\text{R}^{22}$, $\text{OC}(\text{O})\text{R}^{20}$, $\text{C}(\text{O})\text{OCH}_2\text{OC}(\text{O})\text{R}^{20}$, and

$\text{OCON(R}^{20})_2$ and wherein optional heteroaryl, aryl, and heterocyclyl substituent is optionally substituted with halo, NO_2 , alkyl, CF_3 , amino, mono- or di- alkylamino, alkyl or aryl or heteroaryl amide, NCOR^{22} , $\text{NR}^{20}\text{SO}_2\text{R}^{22}$, COR^{20} , CO_2R^{20} , $\text{CON(R}^{20})_2$, $\text{NR}^{20}\text{CON(R}^{20})_2$, OC(O)R^{20} , $\text{OC(O)N(R}^{20})_2$, SR^{20} , S(O)R^{22} , SO_2R^{22} , $\text{SO}_2\text{N(R}^{20})_2$, CN, and OR^{20} ;

5 R^7 is selected from the group consisting of hydrogen, C_{1-15} alkyl, C_{2-15} alkenyl, C_{2-15} alkynyl, heterocyclyl, aryl and heteroaryl, wherein the alkyl, alkenyl, alkynyl, aryl, heterocyclyl and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, NO_2 , heterocyclyl, aryl, heteroaryl, CF_3 , CN, OR^{20} , SR^{20} , $\text{N(R}^{20})_2$, S(O)R^{22} , SO_2R^{22} , $\text{SO}_2\text{N(R}^{20})_2$, $\text{SO}_2\text{NR}^{20}\text{COR}^{22}$,
 10 $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CON(R}^{20})_2$, $\text{N(R}^{20})_2$, $\text{NR}^{20}\text{COR}^{22}$, $\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{NR}^{20}\text{CON(R}^{20})_2$, $\text{NR}^{20}\text{C(NR}^{20})\text{NHR}^{23}$, COR^{20} , CO_2R^{20} , $\text{CON(R}^{20})_2$, $\text{CONR}^{20}\text{SO}_2\text{R}^{22}$, $\text{NR}^{20}\text{SO}_2\text{R}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{OCONR}^{20}\text{SO}_2\text{R}^{22}$, OC(O)R^{20} , $\text{C(O)OCH}_2\text{OC(O)R}^{20}$ and $\text{OCON(R}^{20})_2$ and wherein optional heteroaryl, aryl and heterocyclyl substituent is optionally substituted with halo, NO_2 , alkyl, CF_3 , amino, mono- or di- alkylamino, alkyl or aryl or heteroaryl amide,
 15 NCOR^{22} , $\text{NR}^{20}\text{SO}_2\text{R}^{22}$, COR^{20} , CO_2R^{20} , $\text{CON(R}^{20})_2$, $\text{NR}^{20}\text{CON(R}^{20})_2$, OC(O)R^{20} , $\text{OC(O)N(R}^{20})_2$, SR^{20} , S(O)R^{22} , SO_2R^{22} , $\text{SO}_2\text{N(R}^{20})_2$, CN, and OR^{20} ;

R^8 is selected from the group consisting of hydrogen, C_{1-15} alkyl, C_{2-15} alkenyl, C_{2-15} alkynyl, heterocyclyl, aryl, and heteroaryl, wherein the alkyl, alkenyl, alkynyl, aryl, heterocyclyl, and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, NO_2 , heterocyclyl, aryl, heteroaryl, CF_3 , CN, OR^{20} , SR^{20} , $\text{N(R}^{20})_2$, S(O)R^{22} , SO_2R^{22} , $\text{SO}_2\text{N(R}^{20})_2$, $\text{SO}_2\text{NR}^{20}\text{COR}^{22}$,
 20 $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CON(R}^{20})_2$, $\text{N(R}^{20})_2$, $\text{NR}^{20}\text{COR}^{22}$, $\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{NR}^{20}\text{CON(R}^{20})_2$, $\text{NR}^{20}\text{C(NR}^{20})\text{NHR}^{23}$, COR^{20} , CO_2R^{20} , $\text{CON(R}^{20})_2$, $\text{CONR}^{20}\text{SO}_2\text{R}^{22}$, $\text{NR}^{20}\text{SO}_2\text{R}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{OCONR}^{20}\text{SO}_2\text{R}^{22}$, OC(O)R^{20} , $\text{C(O)OCH}_2\text{OC(O)R}^{20}$, and $\text{OCON(R}^{20})_2$ and
 25 wherein each optional heteroaryl, aryl, and heterocyclyl substituent is optionally substituted with halo, NO_2 , alkyl, CF_3 , amino, mono- or di- alkylamino, alkyl or aryl or heteroaryl amide, NCOR^{22} , $\text{NR}^{20}\text{SO}_2\text{R}^{22}$, COR^{20} , CO_2R^{20} , $\text{CON(R}^{20})_2$, $\text{NR}^{20}\text{CON(R}^{20})_2$, OC(O)R^{20} , $\text{OC(O)N(R}^{20})_2$, SR^{20} , S(O)R^{22} , SO_2R^{22} , $\text{SO}_2\text{N(R}^{20})_2$, CN, and OR^{20} ;

R^{20} is selected from the group consisting of H, C_{1-15} alkyl, C_{2-15} alkenyl, C_{2-15} alkynyl, heterocyclyl, aryl, and heteroaryl, wherein the alkyl, alkenyl, alkynyl, heterocyclyl, aryl, and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from halo, alkyl, mono- or dialkylamino, alkyl or aryl or heteroaryl amide, CN, O-C₁₋₆ alkyl, CF_3 , aryl, and heteroaryl;

R^{22} is selected from the group consisting of C_{1-15} alkyl, C_{2-15} alkenyl, C_{2-15} alkynyl,

heterocyclyl, aryl, and heteroaryl, wherein the alkyl, alkenyl, alkynyl, heterocyclyl, aryl, and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from halo, alkyl, mono- or dialkylamino, alkyl or aryl or heteroaryl amide, CN, O-C₁₋₆ alkyl, CF₃, aryl, and heteroaryl; and

5 wherein R² and R⁴ are selected from the group consisting of H, C₁₋₆ alkyl and aryl optionally substituted with halo, CN, CF₃, OR²⁰ and N(R²⁰)₂, with the proviso that when R² is not hydrogen then R⁴ is hydrogen, and when R⁴ is not hydrogen then R² is hydrogen.

2. The compound of claim 1 wherein R³ is selected from the group consisting of C₁₋₁₅ alkyl, halo, CF₃, CN, OR²⁰, SR²⁰, S(O)R²², SO₂R²², SO₂N(R²⁰)₂, COR²⁰, CO₂R²⁰, -
10 CONR⁷R⁸, aryl and heteroaryl wherein the alkyl, aryl and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF₃, CN, OR²⁰, SR²⁰, S(O)R²², SO₂R²², SO₂N(R²⁰)₂, COR²⁰, CO₂R²⁰ and CON(R²⁰)₂, and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF₃, CN, and OR²⁰;

15 R⁵ and R⁶ are each individually selected from the group consisting of H, and C₁₋₁₅ alkyl optionally substituted with one aryl substituent that is optionally substituted with halo or CF₃;

R⁷ is selected from the group consisting of C₁₋₁₅ alkyl, C₂₋₁₅ alkynyl, aryl, and heteroaryl, wherein the alkyl, alkynyl, aryl, and heteroaryl substituents are optionally
20 substituted with from 1 to 3 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF₃, CN, and OR²⁰, and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF₃, CN, and OR²⁰;

R⁸ is selected from the group consisting of hydrogen and C₁₋₁₅ alkyl;

R²⁰ is selected from the group consisting of H, C₁₋₄ alkyl and aryl, wherein the alkyl
25 and aryl substituents are optionally substituted with one alkyl substituent; and

R²² is selected from the group consisting of C₁₋₄ alkyl and aryl, wherein the alkyl and aryl substituents are optionally substituted with from 1 to 3 alkyl groups.

3. The compound of claim 1 wherein R³ is selected from the group consisting of C₁₋₁₅ alkyl, halo, CF₃, CN, OR²⁰, CO₂R²⁰, -CONR⁷R⁸, aryl and heteroaryl, wherein the alkyl,
30 aryl and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, alkyl, aryl, CF₃, CN, OR²⁰, CO₂R²⁰ or CON(R²⁰)₂, and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF₃, CN, and OR²⁰;

R⁵ and R⁶ are each individually selected from hydrogen and C₁₋₆ alkyl;

R^7 is selected from the group consisting of C_{1-10} alkyl, aryl, and heteroaryl, wherein the alkyl, aryl and heteroaryl substituents are optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF_3 , CN, and OR^{20} , and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF_3 , CN, and OR^{20} ;

R^8 is selected from the group consisting of hydrogen and C_{1-15} alkyl; and

R^{20} is selected from the group consisting of hydrogen and C_{1-4} alkyl.

4. The compound of claim 1 wherein R^3 is selected from the group consisting of C_{1-10} alkyl, halo, CF_3 , CN, CO_2R^{20} , $-CONR^7R^8$, aryl and heteroaryl wherein the alkyl, aryl and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, alkyl, CF_3 , CN, OR^{20} and $CON(R^{20})_2$;

R^5 and R^6 are each individually selected from hydrogen and C_{1-6} alkyl;

R^7 is selected from the group consisting of C_{1-10} alkyl, aryl, and heteroaryl, wherein the alkyl, aryl and heteroaryl substituents are optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF_3 , CN, OR^{20} and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF_3 , CN, and OR^{20} ;

R^8 is selected from hydrogen and C_{1-15} alkyl; and

R^{20} is selected from hydrogen and C_{1-4} alkyl.

5. The compound of claim 1 wherein R^3 is selected from the group consisting of C_{1-10} alkyl, halo, CF_3 , CN, OR^{20} , CO_2R^{20} , $-CONR^7R^8$ and aryl; wherein the alkyl and aryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, alkyl, CF_3 , CN, OR^{20} and $CON(R^{20})_2$;

R^5 and R^6 are each individually selected from hydrogen and C_{1-6} ;

R^7 is selected from the group consisting of C_{1-10} alkyl, aryl, and heteroaryl, where the alkyl, aryl and heteroaryl substituents are optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF_3 , CN, OR^{20} and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF_3 , CN, and OR^{20} ;

R^8 is selected from hydrogen and C_{1-15} alkyl; and

R^{20} is selected from hydrogen and C_{1-4} alkyl.

6. The compound of claim 1 wherein $R^1 = CH_2OH$;

R^3 is selected from the group consisting of CO_2R^{20} , $-CONR^7R^8$ and aryl; wherein the aryl substituent is optionally substituted with from 1 to 3 substituents independently selected

from the group consisting of halo, C₁₋₆ alkyl, CF₃, CN, OR²⁰, and CON(R²⁰)₂;

R⁷ is selected from the group consisting of hydrogen, C₁₋₁₀ alkyl and aryl, wherein the alkyl and aryl substituents are optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, aryl, CF₃, CN, OR²⁰ and wherein each optional aryl substituent is optionally substituted with halo, alkyl, CF₃, CN, and OR²⁰;

R⁸ is selected from hydrogen and C₁₋₁₅ alkyl; and

R²⁰ is selected from hydrogen and C₁₋₄ alkyl.

7. The compound of claim 1 wherein R¹ = CH₂OH;

R³ is selected from the group consisting of CO₂R²⁰, -CONR⁷R⁸ and aryl wherein the aryl substituent is optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, C₁₋₆ alkyl, CF₃, and OR²⁰;

R⁷ is selected from the group consisting of hydrogen, and C₁₋₈ alkyl, wherein the alkyl substituent is optionally substituted with one substituent selected from aryl, CF₃, CN, and OR²⁰ and wherein each optional aryl substituent is optionally substituted with halo, alkyl, CF₃, CN, or OR²⁰;

R⁸ is selected from hydrogen and C₁₋₈ alkyl; and

R²⁰ is selected from hydrogen and C₁₋₄ alkyl.

8. The compound of claim 1 wherein R¹ = CH₂OH;

R³ is selected from the group consisting of CO₂R²⁰, -CONR⁷R⁸, and aryl that is optionally substituted with from 1 to 2 substituents independently selected from the group of halo, C₁₋₃ alkyl, CF₃, and OR²⁰;

R⁷ is selected from the group consisting of hydrogen, and C₁₋₅ alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is optionally substituted with halo, alkyl, CF₃;

R⁸ is selected from hydrogen and C₁₋₃ alkyl; and

R²⁰ is selected from hydrogen and C₁₋₄ alkyl.

9. The compound of claim 1 wherein R¹ = CH₂OH;

R³ is selected from the group consisting of CO₂R²⁰, -CONR⁷R⁸, and aryl that is optionally substituted with one substituent selected from the group of halo, C₁₋₃ alkyl, and OR²⁰;

R⁷ is selected from the group consisting of hydrogen, and C₁₋₅ alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is optionally substituted with halo;

R⁸ is hydrogen; and

R^{20} is selected from hydrogen and C_{1-4} alkyl.

10. The compound of claim 1 wherein $R^1 = CH_2OH$;

R^3 is selected from the group consisting of CO_2R^{20} , $-CONR^7R^8$, and aryl that is optionally substituted with one substituent selected from halo, C_{1-3} alkyl and OR^{20} ;

5 R^7 is selected from the group consisting of hydrogen, and C_{1-5} alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is optionally substituted with halo;

R^8 is hydrogen; and

R^{20} is selected from hydrogen and C_{1-4} alkyl.

10 11. The compound of claim 10 wherein R^7 is a methyl.

12. The compound of claim 10 wherein R_3 is $-CO_2Et$.

13. The compound of claim 1 wherein $R^1 = -CONHET$;

R^3 is selected from the group consisting of CO_2R^{20} , $-CONR^7R^8$, and aryl; that is optionally substituted with from 1 to 3 substituents independently selected from the group
15 consisting of halo, C_{1-6} alkyl, CF_3 , CN, OR^{20} , and $CON(R^{20})_2$;

R^7 is selected from the group consisting of hydrogen, C_{1-10} alkyl and aryl, wherein the alkyl and aryl substituents are optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, aryl, CF_3 , CN, and OR^{20} and wherein each optional aryl substituent is optionally substituted with halo, alkyl, CF_3 , CN, and
20 OR^{20} ;

R^8 is selected from hydrogen, and C_{1-15} alkyl; and

R^{20} is selected from hydrogen, and C_{1-4} alkyl.

14. The compound of claim 1 wherein $R^1 = -CONHET$;

R^3 is selected from the group consisting of CO_2R^{20} , $-CONR^7R^8$, aryl that is optionally substituted with from 1 to 2 substituents independently selected from the group consisting of
25 halo, C_{1-6} alkyl, CF_3 and OR^{20} ;

R^7 is selected from the group consisting of hydrogen, C_{1-8} alkyl, and aryl, wherein the alkyl and aryl substituents are optionally substituted with one substituent selected from the group consisting of halo, aryl, CF_3 , CN, OR^{20} and each optional aryl substituent is optionally
30 substituted with halo, alkyl, CF_3 , CN, and OR^{20} ;

R^8 is selected from hydrogen, and C_{1-8} alkyl; and

R^{20} is selected from hydrogen, and C_{1-4} alkyl.

15. The compound of claim 1 wherein $R^1 = -CONHET$;

R^3 is selected from the group consisting of CO_2R^{20} , $-CONR^7R^8$, and aryl that is

optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, C₁₋₃ alkyl, CF₃, and OR²⁰;

R⁷ is selected from the group consisting of hydrogen, and C₁₋₅ alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is

optionally substituted with halo, alkyl, CF₃;

R⁸ is selected from hydrogen, and C₁₋₃ alkyl; and

R²⁰ is selected from hydrogen, and C₁₋₄ alkyl.

16. The compound of claim 1 wherein R¹ = -CONHET;

R³ is selected from the group consisting of CO₂R²⁰, -CONR⁷R⁸, and aryl that is optionally substituted with one substituent selected from halo, C₁₋₃ alkyl and OR²⁰;

R⁷ is selected from the group consisting of hydrogen, and C₁₋₅ alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is optionally substituted with halo;

R⁸ is hydrogen; and

R²⁰ is selected from hydrogen, and C₁₋₄ alkyl.

17. The compound of claim 1 wherein R¹ = -CONHET;

R³ is selected from the group consisting of CO₂R²⁰, -CONR⁷R⁸, and aryl that is optionally substituted with one substituent selected from halo, C₁₋₃ alkyl and OR²⁰;

R⁷ is selected from hydrogen, and C₁₋₃ alkyl;

R⁸ is hydrogen; and

R²⁰ is selected from hydrogen, and C₁₋₄ alkyl.

18. The compound of claim 10 where R¹ is -CONHET.

19. A compound matter of claim 1 wherein the compound is selected from ethyl-

{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazole-4-carboxylate, (4S,2R,3R,5R)-2-{6-amino-2-[4-(4-chlorophenyl)pyrazolyl]purin-9-yl}-5-(hydroxymethyl)oxolane-3,4-diol, (4S,2R,3R,5R)-2-{6-amino-2-[4-(4-methoxyphenyl)pyrazolyl]purin-9-yl}-5-(hydroxymethyl)oxolane-3,4-diol, (4S,2R,3R,5R)-2-{6-amino-2-[4-(4-methylphenyl)pyrazolyl]purin-9-yl}-5-(hydroxymethyl)oxolane-3,4-diol, (1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-methylcarboxamide, 1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazole-4-carboxylic acid, (1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N,N-dimethylcarboxamide, (1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-ethylcarboxamide, 1-{9-

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[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazole-4-carboxamide, 1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-(cyclopentylmethyl)carboxamide, (1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-[(4-chlorophenyl)methyl]carboxamide, Ethyl 2-[(1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)carbonylamino]acetate, and mixtures thereof.

20. A method for stimulating coronary vasodilatation in a mammal by administering to the mammal a therapeutically effective amount of a compound of claim 1 that is sufficient to stress the heart and induce a coronary steal situation for the purposes of imaging the heart.

21. ~~The method of claim 20 wherein the therapeutically effective amount ranges from about 0.01 to about 100 mg/kg weight of the mammal.~~

22. ~~The method of claim 20 wherein the mammal is a human.~~

23. ~~A pharmaceutical composition comprising the compound of claim 1 and one or more pharmaceutical excipients;~~

24. ~~The pharmaceutical composition of claim 23 wherein the pharmaceutical composition is in the form of a solution.~~

25. ~~The pharmaceutical composition of claim 23 wherein the composition is useful as an anti-inflammatory, in adjunctive therapy with angioplasty, as a platelet aggregation inhibitor, and as an inhibitor of platelet and neutrophil activation.~~

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